

CONNECTOR ASSEMBLY FOR A SURGICAL TOOL

ABSTRACT OF THE DISCLOSURE

A connector assembly for connecting a surgical saw blade to a housing of a surgical instrument. The connector assembly allows a surgeon to align, insert and lock the surgical blade in the collet of the surgical instrument without any special tools, and further provides a stable and robust platform for mounting the surgical saw blade thereto. The connector assembly includes a gripper having a centrally located bore and a pair of opposing shelves. A shaft having shoulders is slidably fitted within the bore of the gripper. The shoulders communicate with ledges of the shelves to prohibit movement of the finger gripper. This same mechanism also prevents movement of a surgical saw blade, once inserted within the slot of the shaft, from becoming dislodged or ejected from the connector assembly. A biasing spring biases the gripper in a first position, but the gripper can move between the first position and a second position. •